



FIGURE 1

205

RECEIVE  
FILTER STRING

200

210

IS FILTER STRING  
COMPILED TO  
MACHINE-LANGUAGE  
FILTER CODE?

NO

215

PROVIDE PREPARED  
FILTER STRING TO  
MACHINE-LANGUAGE CODE  
GENERATOR

YES

225

IS MACHINE  
LANGUAGE FILTER  
CODE LOADED?

NO

220

PRODUCE  
MACHINE-  
LANGUAGE CODE

230

LOAD MACHINE  
LANGUAGE FILTER  
CODE INTO  
COMPUTER  
PROGRAM

YES

235

EXECUTE MACHINE-  
LANGUAGE FILTER  
CODE ON RECEIVED  
MESSAGES

FIG. 2